

Title (en)  
Subscriber unit for CDMA wireless communication system

Title (de)  
Teilnehmergerät für CDMA Drahtloskommunikationssystem

Title (fr)  
Unité d'abonné pour système de transmission sans fil à AMRC

Publication  
**EP 1772969 B1 20090429 (EN)**

Application  
**EP 06024896 A 19970528**

Priority  
• EP 04075608 A 19970528  
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• US 65444396 A 19960528

Abstract (en)  
[origin: EP1772969A2] A method for demodulating a received signal comprising complex multiplying (202,204) the received signal by a complex pseudonoise code to produce a complex pseudonoise despread signal (X1,XQ); filtering (214) the complex pseudonoise despread signal to provide a complex filtered pilot signal; multiplying (210) the complex pseudo-noise despread signal by a first demodulation code to provide a first complex demodulated data signal; and phase rotating and scaling (216,218) the first complex demodulated data signal in accordance with the complex-filtered pilot signal to provide a first soft decision data.

IPC 8 full level  
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**H04B 7/264** (2013.01 - EP US); **H04J 13/18** (2013.01 - EP US); **H04L 1/0045** (2013.01 - EP US); **H04L 1/0059** (2013.01 - EP US); **H04L 1/0071** (2013.01 - EP US); **H04L 1/08** (2013.01 - EP US); **H04B 1/707** (2013.01 - EP US); **H04B 2201/70701** (2013.01 - EP US); **H04J 13/0022** (2013.01 - EP US); **H04J 13/0048** (2013.01 - EP US)

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